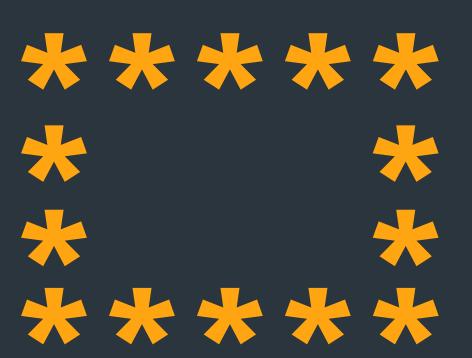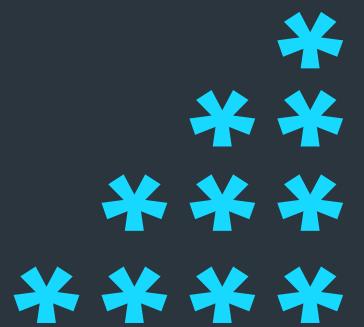We will be studying the following patterns after completing the chapter on Functions.

Please feel free to try them on your own!

HOLLOW RECTANGLE pattern

```
* * * * *
*       *
*       *
* * * * *
```

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INVERTED & ROTATED HALF-PYRAMID pattern

```
      *
    * *
  * * *
* * * *
```

INVERTED HALF-PYRAMID with Numbers pattern

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

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FLOYD'S Triangle pattern

```
 1
 2  3
 4  5  6
 7  8  9 10
11 12 13 14 15
```

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0-1 Triangle pattern

```
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
```

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```
*                    *
* *                * *
* * *            * * *
* * * * * * * * * * * *
* * * * * * * * * * * *
* * *            * * *
* *                * *
*                    *
```

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SOLID RHOMBUS pattern

```
    * * * * *
     * * * * *
    * * * * *
   * * * * *
  * * * * *
```

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```
    * * * * *
   *         *
  *           *
 *             *
* * * * *
```

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DIAMOND pattern

```
      *
    * * *
  * * * * *
* * * * * * *
  * * * * *
    * * *
      *
```

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NUMBER PYRAMID pattern

```
          1
        2 2
      3 3 3
    4 4 4 4
  5 5 5 5 5
```

PALINDROMIC Pattern with Numbers pattern

```
        1
       2 1 2
      3 2 1 2 3
     4 3 2 1 2 3 4
    5 4 3 2 1 2 3 4 5
```

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